

WHAT IS CLAIMED IS:

1. A moving unit of a building block assembly, comprising:
 - a casing having a first room and a second room defined therein;
 - 5 a pivot longitudinally pivotally mounted to the casing in the first room in the casing;
 - a wheel set connected to the pivot, the wheel set having a first shaft pivotally extending through the pivot and the casing, the first shaft including two opposite ends each having a first wheel secured on
 - 10 the first shaft; and
 - a drive device mounted in the second room in the casing, the drive device including a power supplier and a second shaft extending through the casing and the power supplier, the second shaft including two opposite ends each having a second wheel secured on the second
 - 15 shaft;
- whereby the pivot and the wheel set provide a turning function to the moving unit of the present invention, and the drive device provides a moving function to the moving unit of the present invention.
- 20 2. The moving unit as claimed in claim 1, wherein the power supplier comprises a gear set and a spring connected to the gear set, the second shaft extending through the gear set for driving the gear set to coil the spring to provide a power to the moving unit due to the restitution force of the spring.

3. The moving unit as claimed in claim 1, wherein the casing comprises multiple stubs extending from a top of the casing for the moving unit being adapted to be connected to the building block assembly.

5 4. The moving unit as claimed in claim 1, wherein the casing comprises multiple indentations defined in a periphery of the first room and the second room in the casing.

5. The moving unit as claimed in claim 4 further comprising a cover securely attached to the casing for closing the first room and the
10 second room, the cover including multiple protrusions laterally extending therefrom, each protrusion of the cover received in a corresponding one of the multiple indentations in the casing for holding the caver in place.

6. The moving unit as claimed in claim 1, wherein the casing
15 comprises a protrusion extending therefrom and longitudinally extending into the first room for connecting to the pivot, a blind hole longitudinally defined in the protrusion of the casing and an annular groove defined in an inner periphery of the blind hole, the pivot including a stub centrally longitudinally extending therefrom and
20 pivotally received in the blind hole, the stub of the pivot having an annular lip radially extending from an outer periphery of the stub and pivotally received in the annular groove to prevent the pivot from detaching from the protrusion of the casing.

7. The moving unit as claimed in claim 6, wherein the pivot

comprises a slot diametrically defined therein opposite to the stub of the pivot, the slot including an enlarged portion defined in a bottom of the slot in the pivot for pivotally receiving the first shaft after the first shaft passing through the slot.

- 5 8. The moving unit as claimed in claim 1, wherein the casing comprises two openings defined therein and laterally communicating with the first room, the first shaft extending through two openings so that the first shaft is limited in the two openings when the moving unit is turned.